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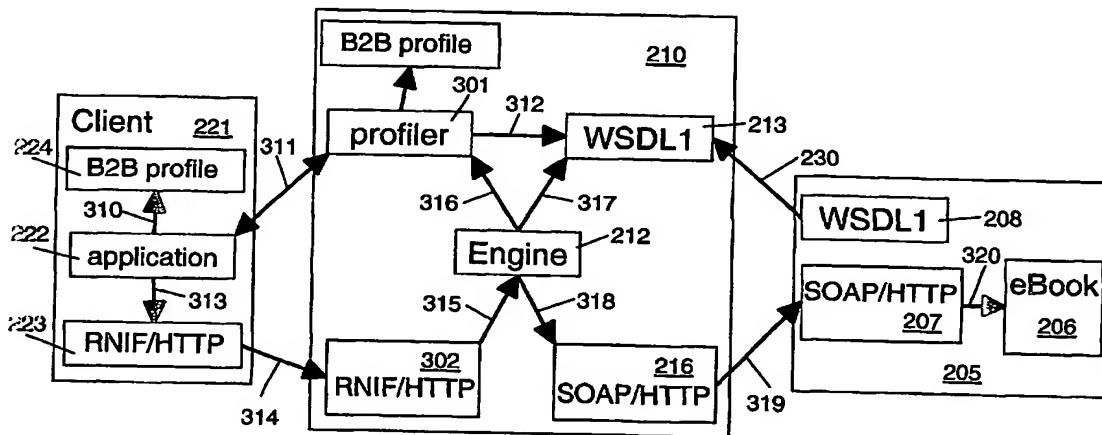
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(54) Title: ACCESS TO WEB SERVICES



(57) Abstract: The present invention provides a method, apparatus and computer program product which enable a web service gateway which provides support for business services which are described using a particular document format, for example Web Service Definition Language (WSDL), to further provide support for business services which are described using a different document format, for example in a business to business (b2b) profile such as specified by RosettaNet. The business service provides its profile to the gateway which generates a document from the profile and then uses the generated document to enable a web client, which recognises the document format but not the profile format, to access the web service via the gateway.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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/GB2004/001304

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 G06F17/30 G06F17/60 H04L29/06		
<p>According to International Patent Classification (IPC) or to both national classification and IPC</p> <p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols)</p> <p>IPC 7 G06F H04L</p>		
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used)</p> <p>EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX</p>		
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p>		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>VENKATAPATHY C ET AL: "An introduction to Web Services Gateway" INTERNET, 1 May 2002 (2002-05-01), XP002288276 the whole document</p> <p>CHAN A, MOBERG D, SACHS M, MALU P: "Web Services sub-team report" CPPA F2F, 'Online' 1 June 2002 (2002-06-01), pages 1-12, XP002305832 Retrieved from the Internet: URL:http://www.oasys-open.org/committees/ebxml-cppa/documents/presentations> 'retrieved on 2004-11-12' page 3 page 8 - page 10</p> <p style="text-align: center;">-/-</p>	1-9
<p><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</p>		<p><input checked="" type="checkbox"/> Patent family members are listed in annex.</p>
<p>* Special categories of cited documents :</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the International filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		
<p>Date of the actual completion of the international search</p> <p>16 November 2004</p>		<p>Date of mailing of the International search report</p> <p>06/12/2004</p>
<p>Name and mailing address of the ISA</p> <p>European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016</p>		<p>Authorized officer</p> <p>Pose Rodriguez, J</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MEDJAHED B ET AL: "Business-tobusiness interactions: issues and enabling technologies" THE VLDB JOURNAL, 'Online! 3 April 2003 (2003-04-03), pages 59-85, XP002305833 Retrieved from the Internet: URL:http://delivery.acm.org/10.1145/780000/775457/30120059.pdf?key1=775457&key2=6604060011&coll=GUIDE&dl=GUIDE&CFID=31320261&CFTOKEN=56256904 'retrieved on 2004-11-12! the whole document</p> <p>-----</p> <p>SUMMIT STRATEGIES: "Life at the Edge: IBM's WebSphere Business Connection Lowers B2B Process Barriers" CUSTOM CONSULTING ANALYSIS, 'Online! 1 June 2002 (2002-06-01), pages 1-14, XP002305834 Retrieved from the Internet: URL:http://www-900.ibm.com/cn/software/websphere/products/download/whitepapers/summit-busconn.pdf 'retrieved on 2004-11-12! page 7, line 4 - page 8, line 14 page 10, line 43 - page 11, line 24 figure 1</p> <p>-----</p> <p>CUTLIP R: "Business process integration with IBM CrossWorlds, Part 3: Automatically externalize Web services with WebSphere Business Connection" IBM DEVELOPER SOLUTIONS ARTICLES, 'Online! 1 January 2003 (2003-01-01), pages 1-6, XP002305835 Retrieved from the Internet: URL:http://www-106.ibm.com/developerworks/library/i-cross3/ 'retrieved on 2004-11-05! the whole document</p> <p>-----</p> <p>US 2003/061404 A1 (CHIU JOSEPH ET AL) 27 March 2003 (2003-03-27) abstract paragraph '0010! - paragraph '0011! paragraph '0014! - paragraph '0015! paragraph '0042!; figure 2</p> <p>-----</p>	1-9
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